

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. National Phase of	)	
Application No: PCT/JP2004/015094	)	
for:	)	Group Art Unit: Not Yet Assigned
	)	
Sayoko MATSUMOTO et al.	)	Examiner: Not Yet Assigned
	)	
Application No.: Not Yet Assigned	)	Confirmation No.: Not Yet Assigned
	)	
Filed: April 4, 2006	)	
	)	
For: METHOD OF STRETCHING SINGLE- STRANDED NUCLEIC ACID, SINGLE-STRANDED NUCLEIC ACID STRETCHING SYSTEM AND DNA CHIP	)	

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO/SB/08 and cited in the international search report. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being before the mailing date of a first Office Action on the merits for the above-referenced application.


This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: February 8, 2007

By:   
David W. Hill  
Reg. No. 28,220

Enclosures  
DWH/FPD/alp

<b>IDS Form PTO/SB/08: Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<i>Application Number</i>	Not Yet Assigned
				<i>Filing Date</i>	April 4, 2006
				<i>First Named Inventor</i>	Sayoko MATSUMOTO et al.
				<i>Art Unit</i>	Not Yet Assigned
				<i>Examiner Name</i>	Not Yet Assigned
Sheet	1	of	1	<i>Attorney Docket Number</i>	09812.0126

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>8</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>8</sup>
		Vijay NAMASIVAYAM et al., "Electrostretching DNA Molecules Using Polymer-Enhanced Media within Microfabricated Devices", Analytical Chemistry, July 15, 2002, pages 3378-3385, Vol. 74, No. 14, American Chemical Society	
		M. UEDA et al., "Stretching of a Long DNA Molecules Under Alternating Current Electric Fields in a Concentrated Polymer Solution", Biophysical Journal, January 1999, 76(1), Part 2:A96	
		Masanori UEDA, "Stretching of Long DNA in Concentrated Polymer Solutions Under AC Electric Fields", Nucleic Acids Symposium Series, September 18-20, 1998, pages 59-60, No. 39, Oxford University Press	
		Noritada KAJI et al., "Molecular Stretching of Long DNA in Agarose Gel Using Alternating Current Electric Fields", Biophysical Journal, January 2002, pages 335-344, Vol. 82, Biophysical Society	
		Sean FERREE et al., "Electrokinetic Stretching of tethered DNA", Biophysical Journal, October 2003, pages 2539-2546, Vol. 85, Biophysical Society	

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.